

10/518,446

(FILE 'HOME' ENTERED AT 18:15:55 ON 29 SEP 2006)

FILE 'REGISTRY' ENTERED AT 18:16:44 ON 29 SEP 2006

L1 SCREEN 964 AND 1006
L2 STRUCTURE uploaded
L3 QUE L2 AND L1
L4 0 S L3 FUL
L5 SCREEN 964 AND 1006
L6 STRUCTURE uploaded
L7 QUE L6 AND L5
L8 25 S L7 FUL

FILE 'CAPLUS' ENTERED AT 18:19:01 ON 29 SEP 2006

L9 4 S L8

FILE 'REGISTRY' ENTERED AT 18:27:32 ON 29 SEP 2006

L10 SCREEN 964 AND 1006 AND 1051
L11 STRUCTURE uploaded
L12 QUE L11 AND L10
L13 28 S L12 FUL

FILE 'CAPLUS' ENTERED AT 18:33:32 ON 29 SEP 2006

L14 5 S L13
L15 1 S L14 NOT L9
L16 5 S L14 OR L9

FILE 'REGISTRY' ENTERED AT 18:38:36 ON 29 SEP 2006

L17 SCREEN 964 AND 1006 AND 1051
L18 STRUCTURE uploaded
L19 QUE L18 AND L17
L20 2 S L19 FUL
L21 SCREEN 964 AND 1006 AND 1051
L22 STRUCTURE uploaded
L23 QUE L22 AND L21
L24 2 S L23 FUL

FILE 'CAPLUS' ENTERED AT 18:39:50 ON 29 SEP 2006

L25 13 S L20 FUL
L26 13 S L24 FUL
L27 13 S L25 OR L26

FILE 'REGISTRY' ENTERED AT 18:47:55 ON 29 SEP 2006

L28 SCREEN 965 AND 1006 AND 1051
L29 STRUCTURE uploaded
L30 QUE L29 AND L28
L31 0 S L30 FUL
L32 SCREEN 964 AND 1006 AND 1051
L33 STRUCTURE uploaded
L34 QUE L33 AND L32
L35 1 S L34 FUL
L36 SCREEN 964 AND 1006 AND 1051
L37 STRUCTURE uploaded
L38 QUE L37 AND L36

10/518,446

L39 1 S L38 FUL

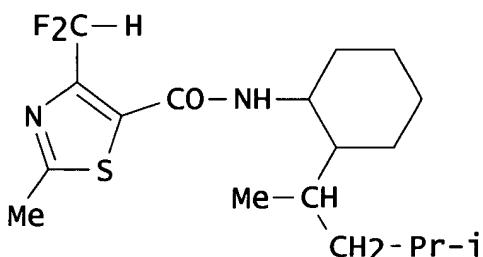
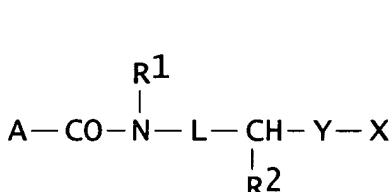
L40 FILE 'CAPLUS' ENTERED AT 18:49:29 ON 29 SEP 2006
L40 4 S L35
L41 9 S L39

=> d 141 tot ibib abs

L41 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:577785 CAPLUS
DOCUMENT NUMBER: 145:62881
TITLE: Preparation of 5-thiazolecarboxamides as
agrochemical fungicides
INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,
Joerg Nico;
Thomas; Hartmann, Benoit; Gayer, Herbert; Seitz,
Kuck, Wachendorff-Neumann, Ulrike; Dahmen, Peter;
Karl-Heinz
PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
SOURCE: PCT Int. Appl., 80 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
20051208	WO 2006061215	A2	20060615	WO 2005-EP13140
CA, CH, GB, GD, KP, KR, MW, MX, SD, SE, UZ, VC, HU, IE, BF, BJ, BW, GH,	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG,			

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY,
 KG, KZ, MD, RU, TJ, TM
 DE 102004059725 A1 20060622 DE 2004-102004059725
 20041211
 PRIORITY APPLN. INFO.: DE 2004-102004059725A
 20041211
 OTHER SOURCE(S): MARPAT 145:62881
 GI



I

II

AB Title compds. I [Y = (CH₂)_s; s = 1-2; X = CR₃R₄R₅, etc.; R₁ = H, alkyl, alkylsulfinyl, etc.; L = L₁, L₂; L₁ = F, Cl, alkyl, etc.; L₂ = F, Cl, alkyl, etc.; R₂ = H, halo, alkyl, etc.; R₃, R₄, R₅ = halo, alkyl, haloalkyl, etc.] were prepared. For example, coupling of 2-(1,3-dimethylbutyl)cyclohexanamine afforded thiazolecarboxamide II in 39% yield. In *podosphaera* apple protection assays, 4-examples of compds. I at 100 g/ha exhibited 100% protection after 10-days.

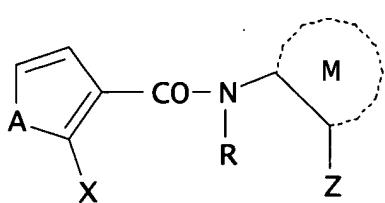
L41 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:823684 CAPLUS
 DOCUMENT NUMBER: 143:229713
 TITLE: Preparation of thienyl-3-carboxamides and related compounds as microbicides
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Hartmann, Benoit; Dahmen, Peter; Kuck, Karl-Heinz; Wachendorff-Neumann, Ulrike
 PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 123 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German

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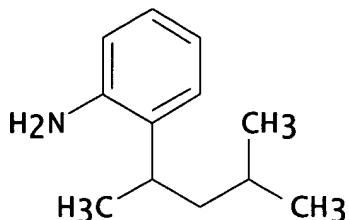
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

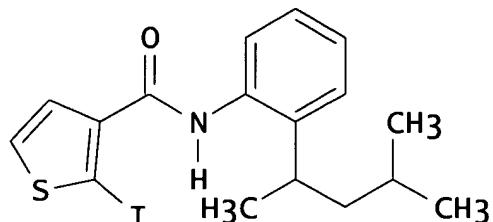
DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
20050122	WO 2005075452	A1	20050818	WO 2005-EP629
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20040206	DE 102004005785	A1	20050825	DE 2004-102004005785
20040206	PRIORITY APPLN. INFO.:			DE 2004-102004005785A
	OTHER SOURCE(S):	MARPAT 143:229713		
	GI			



I



II



III

AB Title compds. I [A = O, S; X = halo; R = H, alkyl, alkylsulfinyl, etc.; Z = Z1, Z2, Z3, Z4; Z1 = (un)substituted phenyl; Z2 = cycloalkyl, bicycloalkyl; Z3 = (un)substituted alkyl; Z4 = halo, alkylthio, alkylsulfinyl, etc.; M = Ph, thiophenyl, pyridinyl, etc.] were prepared For example, coupling of phenylamine II and 2-iodothien-3-carboxylic acid afforded thienylcarboxamide III in 21% yield. In apple venturia inaequalis protection assays, 37-examples of compds. I at 100 g/ha (sic), exhibited 89-100% protection after 10-days.

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

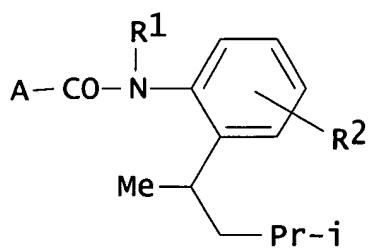
L41 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:409484 CAPLUS
 DOCUMENT NUMBER: 142:463761
 TITLE: Preparation of pyrazolylcarboxanilides and related compounds as microbicide agents
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Hartmann, Benoit; Wachendorff-Neumann, Peter; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 84 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German

10/518,446

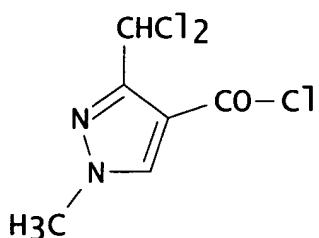
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

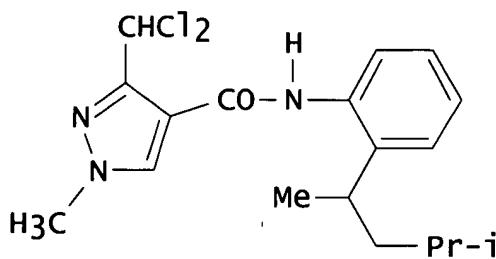
DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
20041012	WO 2005042492	A1	20050512	WO 2004-EP11394
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, GB, GD, KZ, LC, NA, NI, SL, SY, ZM, ZW	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, RO, SE, MR, NE,		
20031023	DE 10349502	SN, TD, TG	A1	20050525 DE 2003-10349502
20041012	AU 2004285633		A1	20050512 AU 2004-285633
20041012	CA 2543050		AA	20050512 CA 2004-2543050
20041012	EP 1678141		A1	20060712 EP 2004-765931
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
20031023	PRIORITY APPLN. INFO.:			DE 2003-10349502 A
20041012	OTHER SOURCE(S): GI			WO 2004-EP11394 W
				MARPAT 142:463761



I



II



III

AB Title compds. I [A = substituted pyrazoles, thioles, pyridines, etc.; R₁ = H, alkyl, alkylsulfinyl, etc.; R₂ = H, F, Cl, etc.] were prepared For

example, N-acylation of 2-(1,3-dimethylbutyl)phenylamine with acid

chloride II afforded pyrazolylcarboxanilide III in 70% yield. In venturia

apple protection assays, 12-examples of compds. I exhibited 88-100% efficiency at 100 g/ha (sic) application. Compds. I are claimed to be

useful for the controlling of undesired microorganisms.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L41 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:409472 CAPLUS

DOCUMENT NUMBER: 142:463760

TITLE: Preparation of
5-fluoro-1-methyl-3-1H-pyrazoles as

microbicide agents

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico;

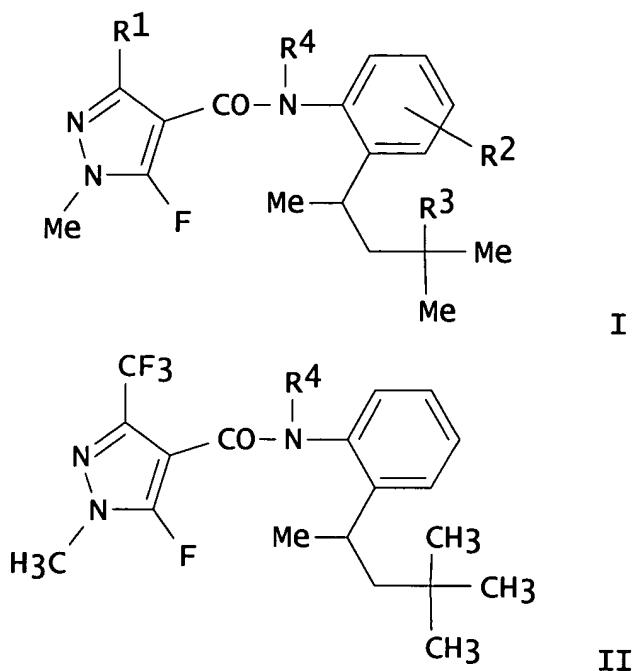
Ulrike; Dahmen, Hartmann, Benoit; Wachendorff-Neumann,

PATENT ASSIGNEE(S): Peter; Kuck, Karl-Heinz

SOURCE: Bayer Cropscience Aktiengesellschaft, Germany
PCT Int. Appl., 47 pp.

DOCUMENT TYPE: CODEN: PIXXD2
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 1
 German
 PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
20041012	WO 2005042480	A2	20050512	WO 2004-EP11396
	WO 2005042480	A3	20050721	
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20031023	DE 10349497	SN, TD, TG	A1	20050525 DE 2003-10349497
20041012	AU 2004285634		A1	20050512 AU 2004-285634
20041012	CA 2543051		AA	20050512 CA 2004-2543051
20041012	EP 1678143		A2	20060712 EP 2004-790292
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
PRIORITY APPLN. INFO.: 20031023				DE 2003-10349497 A
20041012	OTHER SOURCE(S): GI			WO 2004-EP11396 W
		MARPAT 142:463760		



AB Title compds. I [R1 = CH3, CF3, CF2H; R2 = H, F, Cl, etc.; R3 = H, halo, alkyl, etc.; R4 = alkyl, alkylsulfinyl, alkylsulfonyl, etc.] were prepared

For example, N-acetylation of amide II (R4 = H), afforded pyrazolylcarboxanilide II (R4 = COCH3) in 55% yield. In

venturia apple

protection assays, 2-examples of compds. I exhibited 100% efficiency at

100 g/ha (sic) application. Compds. I are claimed to be useful for the controlling of undesired microorganisms.

L41 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:36643 CAPLUS

DOCUMENT NUMBER: 140:76907

TITLE: Preparation of phenylbenzamides as
agricultural

INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel,
Ralf;

PATENT ASSIGNEE(S): Reinecke, Paul; Wachendorff-Neumann, Ulrike;
SOURCE: Mauler-Machnik, Astrid; Kuck, Karl-Heinz

DOCUMENT TYPE: Bayer CropScience AG, Germany
LANGUAGE: Ger. Offen., 20 pp.

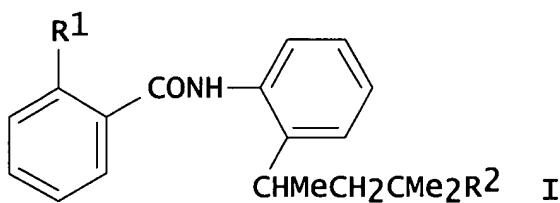
FAMILY ACC. NUM. COUNT: CODEN: GWXXBX

Patent
German

1

PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
20020702	DE 10229595	A1	20040115	DE 2002-10229595
20030620	CA 2491368	AA	20040115	CA 2003-2491368
20030620	WO 2004005242	A1	20040115	WO 2003-EP6512
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				CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
20030620	AU 2003245975	A1	20040123	AU 2003-245975
20030620	EP 1519913	A1	20050406	EP 2003-738073
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20030620	BR 2003012407	A	20050426	BR 2003-12407
20030620	CN 1678567	A	20051005	CN 2003-820812
20030620	JP 2006503809	T2	20060202	JP 2004-518548
20030620	US 2006211771	A1	20060921	US 2005-518446
20050920	PRIORITY APPLN. INFO.:			DE 2002-10229595 A
20020702				WO 2003-EP6512 W
20030620	OTHER SOURCE(S):		MARPAT 140:76907	
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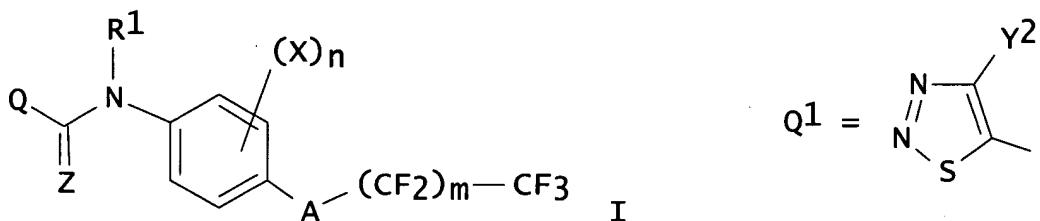


AB Title compds. [I; R1 = CF3, Cl, Br, I; R2 = H, Me], were prepared Thus, a suspension of K2CO3 and MeCN was dropwise treated with 2-(1,3-dimethylbutyl)phenylamine (preparation given) and 2-(trifluoromethyl)benzoyl chloride followed by stirring for 10 h to give 46% N-[2-(1,3-dimethylbutyl)phenyl]-2-(trifluoromethyl)benzamide. The latter at 100 g/ha gave 100% control of Sphaerotheca fuliginea.

L41 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:927408 CAPLUS
 DOCUMENT NUMBER: 138:14057
 TITLE: Preparation of substituted anilide derivatives as agricultural and horticultural chemicals
 INVENTOR(S): Furuya, Takashi; Yamaguchi, Minoru; Tohnishi, Masanori; Seo, Akira; Morimoto, Masayuki; Takemoto, Tsuyoshi; Fujioka, Shinsuke
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 78 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE			
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WO 2002096882 20020530	A1	20021205	WO 2002-JP5285
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 TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
 CA 2447640 AA 20021205 CA 2002-2447640
 20020530 JP 2003048878 A2 20030221 JP 2002-157757
 20020530 EP 1400516 A1 20040324 EP 2002-730796
 20020530
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 MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 BR 2002009726 A 20040420 BR 2002-9726
 20020530 CN 1512986 A 20040714 CN 2002-810844
 20020530 RU 2266285 C2 20051220 RU 2003-134631
 20020530 ZA 2003008813 A 20041123 ZA 2003-8813
 20031112 US 2004116744 A1 20040617 US 2003-478834
 20031126
 PRIORITY APPLN. INFO.: JP 2001-164787 A
 20010531 WO 2002-JP5285 W
 20020530
 OTHER SOURCE(S): MARPAT 138:14057
 GI



AB The title compds. I [R1 is hydrogen, C1-6 alkyl, C1-6 haloalkyl, or the like; A is (CR₂R₃)p; R2 is hydrogen, halogeno, or C1-6 haloalkyl; R3 is hydrogen, halogeno, C1-6 alkyl, or the like; p is 0 or 1; m is an integer of 0 to 6; when p is 0, X is C2-8 alkyl, C1-8 alkoxy, or the like, while when p is 1, X is halogeno, cyano, or the like; n is an integer of 1 to 4];

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Z is O or S; and Q is Q1, etc.; Y2 is halo, etc.] are prepared
Aniline

intermediates for I are disclosed. I are useful as insecticides,
acaricides, and fungicides. Compds. of this invention at 500
ppm gave

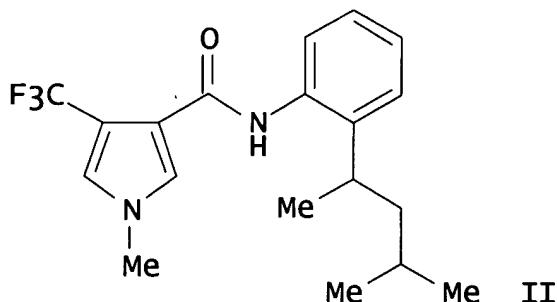
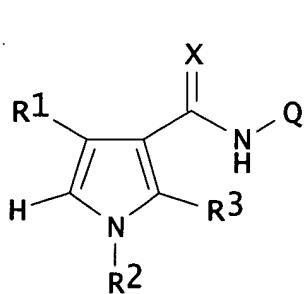
≥ 90% control of *Tetranychus urticae*.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE
FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE
RE FORMAT

L41 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:368451 CAPLUS
DOCUMENT NUMBER: 136:369602
TITLE: Preparation of pyrrolecarboxamides and
fungicides pyrrolecarbothioamides as agrochemical
INVENTOR(S): Walter, Harald
PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
SOURCE: PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
20011106	WO 2002038542	A1	20020516	WO 2001-EP12830
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, GE, GH, LK, LR, PH, PL, UA, UG, CH, CY, TR, BF, TG	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,		
20011106	CA 2426033	AA	20020516	CA 2001-2426033
20011106	AU 2002023668	A5	20020521	AU 2002-23668
20011106	EP 1341757	A1	20030910	EP 2001-993599

EP 1341757	B1	20060920	
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,			
MC, PT,	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
BR 2001015200	A	20040217	BR 2001-15200
20011106			
EG 23122	A	20040428	EG 2001-1173
20011106			
JP 2004513163	T2	20040430	JP 2002-541078
20011106			
ZA 2003003012	A	20040520	ZA 2003-3012
20030416			
US 2005119130	A1	20050602	US 2003-416219
20030905			
US 7105565	B2	20060912	
US 2006189676	A1	20060824	US 2006-380735
20060428			
PRIORITY APPLN. INFO.:		GB 2000-27284	A
20001108			
20001212		GB 2000-30268	A
20011106		WO 2001-EP12830	W
20030905		US 2003-416219	A3
OTHER SOURCE(S):		MARPAT 136:369602	
GI			



AB The title compds. [I; X = O, S; R1 = CF₃, CF₂H, CFH₂; R2 = alkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl; R3 = H, Me, CF₃, F; Q = substituted Ph, 2-thienyl, 3-thienyl] which have plant-protecting properties and are suitable for protecting plants against infestation by phytopathogenic microorganisms, were prepared. Thus, treating 1-methyl-4-trifluoromethylpyrrole-3-carboxylic acid with oxalyl chloride in the presence of a catalytic amount of DMF in CH₂Cl₂ followed by addition of the resulting acid chloride to a solution of 2-(1,3-dimethylbutyl)phenylamine

and Et₃N in CH₂Cl₂ afforded II. Compds. I showed good activity (< 20%

infestation) against Puccinia recondita (brown rust) on wheat.

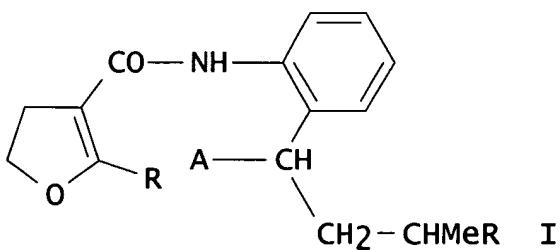
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:774191 CAPLUS
 DOCUMENT NUMBER: 132:1238
 TITLE: Dihydrofurancarboxanilides and agrochemical
 microbicides containing them
 INVENTOR(S): Yoshikawa, Yukihiro; Tomitani, Kanji;
 Takahashi, Hiroshi; Yanase, Yuji
 PATENT ASSIGNEE(S): Mitsui Chemicals Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE	-----	-----	-----
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JP 11335364 19980522	A2	19991207	JP 1998-141709
PRIORITY APPLN. INFO.: 19980522			JP 1998-141709
OTHER SOURCE(S): GI	MARPAT	132:1238	



AB Agrochem. microbicides contain title compds. I (A = H, Me; B = Me, Et; R = Me, Et, CF₃). 2-(1,3-Dimethylbutyl)aniline was amidated by Me 2,3-dihydrofuran-4-methyl-5-carboxylate (sic) to give 28% I (A = B = R = Me), which (at 100-130 ppm) showed 100% control of Pyricularia oryzae,

Botrytis cinerea, and Sphaerotheca fuliginea. Formulation examples are given.

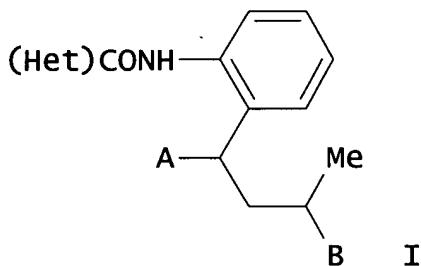
L41 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:161040 CAPLUS
 DOCUMENT NUMBER: 128:192648
 TITLE: Preparation of substituted carboxanilide derivatives
 INVENTOR(S): Yoshikawa, Yukihiro; Tomiya, Kanji; Tomura, Naofumi; Katsuta, Hiroyuki; Takahashi, Osamu; Inami, Shunichi; Yanase, Yuji; Kishi, Junro; Kawashima, Hideo
 PATENT ASSIGNEE(S): Mitsui Toatsu Chemicals, Inc., Japan
 SOURCE: Eur. Pat. Appl., 31 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
19970814	EP 824099	A1	19980218	EP 1997-114124
19970313	JP 10251240	A2	19980922	JP 1997-338820
19970807	JP 10310577	A2	19981124	JP 1997-213461
19970807	US 5914344	A	19990622	US 1997-908187
19970814	CA 2213111	AA	19980215	CA 1997-2213111
19970814	CA 2213111	C	20010320	ES 1997-114124
19970814	ES 2164972	T3	20020301	
19970815	CN 1178791	A	19980415	CN 1997-118681
19980909	CN 1067063	B	20010613	
20000826	US 5965774	A	19991012	US 1998-150170
PRIORITY APPLN. INFO.:	CN 1338452	A	20020306	CN 2000-126258
19960815				JP 1996-215724 A
19970313				JP 1997-59106 A

19970807

OTHER SOURCE(S):
GI

MARPAT 128:192648



AB Carboxanilide derivs. I (A = H, Me; B = Me, Et; Het = 1-methyl-3-substituted-4-pyrazolyl, 2-methyl-4-substituted-5-triazolyl) were prepared

I exhibit a disease control effect against Botrytis cinerea, powdery mildew, Pyricularia oryzae of rice, and other plant diseases.

E.g., reaction of 3-trifluoromethyl-1-methyl-4-pyrazolecarbonyl chloride and

2-(1,3-dimethylbutyl)aniline gave 73%
N-[2-(1,3-dimethylbutyl)phenyl]-3-trifluoromethyl-1-methyl-4-pyrazolecarboxamide.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

=> d 141 tot ibib abs hitstr

L41 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:577785 CAPLUS

DOCUMENT NUMBER: 145:62881

TITLE: Preparation of 5-thiazolecarboxamides as fungicides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico;

Thomas; Hartmann, Benoit; Gayer, Herbert; Seitz,

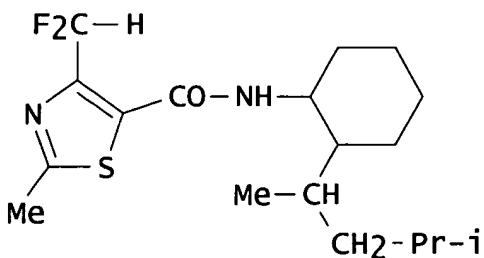
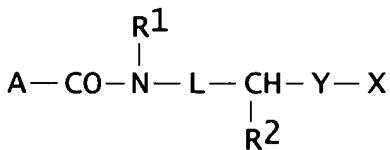
Kuck, Wachendorff-Neumann, Ulrike; Dahmen, Peter;

PATENT ASSIGNEE(S): Karl-Heinz
Bayer Cropscience A.-G., Germany

SOURCE: PCT Int. Appl., 80 pp.

DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

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WO 2006061215 20051208	A2	20060615	WO 2005-EP13140
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DE 102004059725 20041211	A1	20060622	DE 2004-102004059725
PRIORITY APPLN. INFO.: 20041211			DE 2004-102004059725A
OTHER SOURCE(S): GI	MARPAT 145:62881		



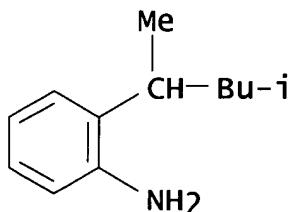
I

II

AB Title compds. I [Y = (CH₂)_s; s = 1-2; X = CR₃R₄R₅, etc.; R₁ = H, alkyl, alkylsulfinyl, etc.; L = L₁, L₂; L₁ = F, Cl, alkyl, etc.; L₂ = F, Cl, alkyl, etc.; R₂ = H, halo, alkyl, etc.; R₃, R₄, R₅ = halo, alkyl, haloalkyl, etc.] were prepared. For example, coupling of thiazol-5-carboxylic acid and 2-(1,3-dimethylbutyl)cyclohexanamine afforded thiazolecarboxamide II in 39% yield. In *podosphaera* apple protection assays, 4-examples of compds. I at 100 g/ha exhibited 100% protection after 10-days.

IT 203448-76-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of 5-thiazolecarboxamides as agrochem. fungicides)

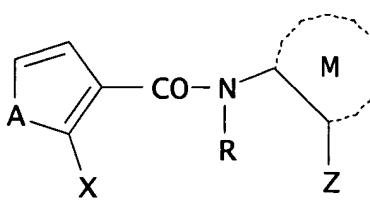
RN 203448-76-4 CAPLUS
 CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



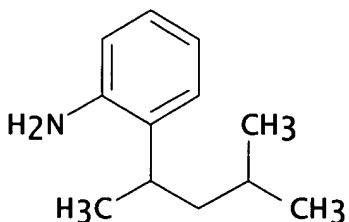
L41 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:823684 CAPLUS
 DOCUMENT NUMBER: 143:229713
 TITLE: Preparation of thiaryl-3-carboxamides and related compounds as microbicides
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Hartmann, Benoit; Dahmen, Peter; Kuck, Karl-Heinz; Wachendorff-Neumann, Ulrike
 PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 123 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
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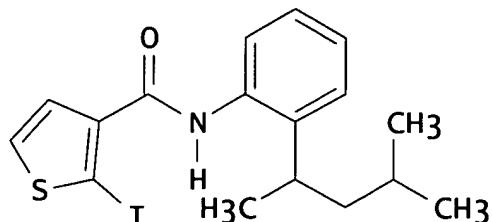
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 MR, NE, SN, TD, TG
 DE 102004005785 A1 20050825 DE 2004-102004005785
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 OTHER SOURCE(S): MARPAT 143:229713
 GI



I



II



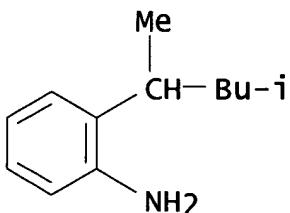
III

AB Title compds. I [A = O, S; X = halo; R = H, alkyl, alkylsulfinyl, etc.; Z = Z1, Z2, Z3, Z4; Z1 = (un)substituted phenyl; Z2 = cycloalkyl, bicycloalkyl; Z3 = (un)substituted alkyl; Z4 = halo, alkylthio, alkylsulfinyl, etc.; M = Ph, thiophenyl, pyridinyl, etc.] were prepared. For example, coupling of phenylamine II and 2-iodothioen-3-carboxylic acid afforded thiarylcarboxamide III in 21% yield. In *apple venturia inaequalis* protection assays, 37-examples of compds. I at 100 g/ha (sic), exhibited 89-100% protection after 10-days.

IT 203448-76-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of thiarylcarboxamides and related compds. as microbicides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

14

THERE ARE 14 CITED REFERENCES

AVAILABLE FOR THIS

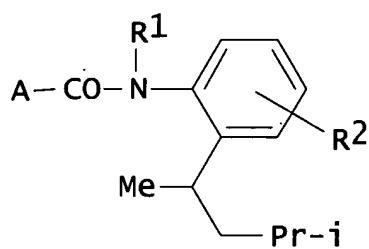
RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

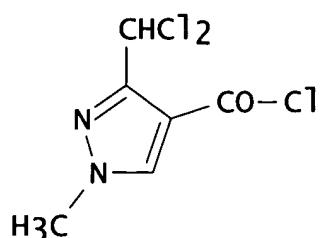
L41 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:409484 CAPLUS
 DOCUMENT NUMBER: 142:463761
 TITLE: Preparation of pyrazolylcarboxanilides and related compounds as microbicide agents
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Hartmann, Benoit; Wachendorff-Neumann, Peter; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 84 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
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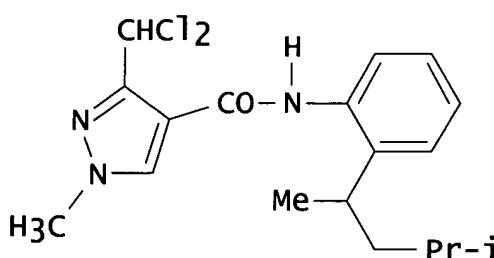
WO 2005042492 A1 20050512 WO 2004-EP11394
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 GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
 KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
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 SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
 ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
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 DE 10349502 A1 20050525 DE 2003-10349502
 20031023 AU 2004285633 A1 20050512 AU 2004-285633
 20041012 CA 2543050 AA 20050512 CA 2004-2543050
 20041012 EP 1678141 A1 20060712 EP 2004-765931
 20041012 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
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 20031023 WO 2004-EP11394 W
 20041012
 OTHER SOURCE(S): MARPAT 142:463761
 GI



I



II



III

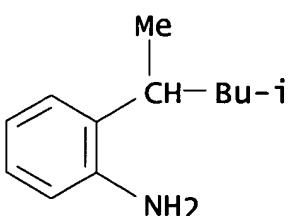
AB Title compds. I [A = substituted pyrazoles, thioles, pyridines, etc.; R1 = H, alkyl, alkylsulfinyl, etc.; R2 = H, F, Cl, etc.] were prepared for example, N-acylation of 2-(1,3-dimethylbutyl)phenylamine with acid chloride II afforded pyrazolylcarboxanilide III in 70% yield. In venturia apple protection assays, 12-examples of compds. I exhibited 88-100% efficiency at 100 g/ha (sic) application. Compds. I are claimed to be useful for the controlling of undesired microorganisms.

IT 203448-76-4

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of pyrazolylcarboxanilides and related compds. as microbicide agents)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



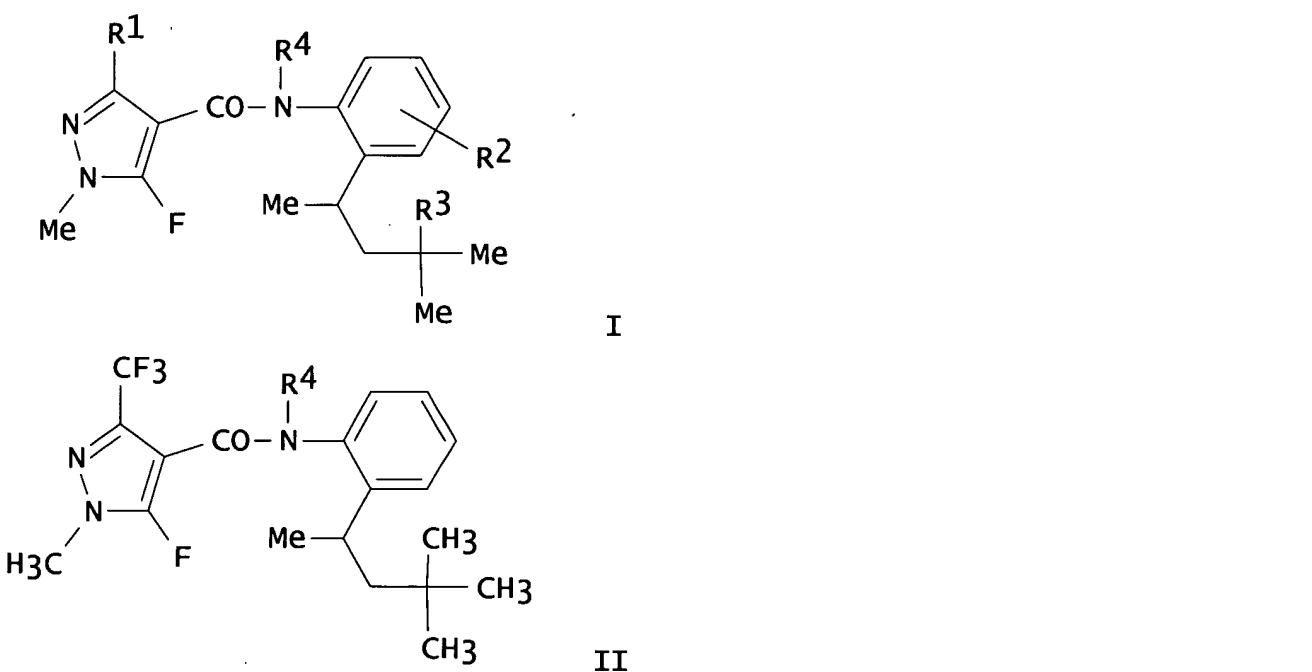
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE
 FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE
 RE FORMAT

L41 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:409472 CAPLUS
 DOCUMENT NUMBER: 142:463760
 TITLE: Preparation of
 5-fluoro-1-methyl-3-1H-pyrazoles as
 microbicide agents
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,
 Joerg Nico;
 Ulrike; Dahmen, Hartmann, Benoit; Wachendorff-Neumann,
 Peter; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
20041012	WO 2005042480	A2	20050512	WO 2004-EP11396
CA, CH, GB, GD, KZ, LC, NA, NI, SL, SY, ZM, ZW ZW, AM, DE, DK, RO, SE, MR, NE,	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,			
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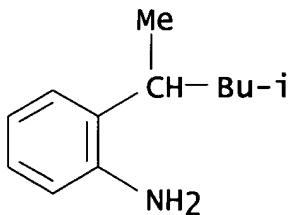
10/518,446

AU 2004285634 20041012	A1	20050512	AU 2004-285634
CA 2543051 20041012	AA	20050512	CA 2004-2543051
EP 1678143 20041012	A2	20060712	EP 2004-790292
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK PRIORITY APPLN. INFO.: DE 2003-10349497 A 20031023 WO 2004-EP11396 W 20041012 OTHER SOURCE(S): MARPAT 142:463760 GI			



AB Title compds. I [R1 = CH₃, CF₃, CF₂H; R₂ = H, F, Cl, etc.; R₃ = H, halo, alkyl, etc.; R₄ = alkyl, alkylsulfinyl, alkylsulfonyl, etc.] were prepared. For example, N-acetylation of amide II (R₄ = H), afforded pyrazolylcarboxanilide II (R₄ = COCH₃) in 55% yield. In *venturia* apple protection assays, 2-examples of compds. I exhibited 100% efficiency at 100 g/ha (sic) application. Compds. I are claimed to be useful for the

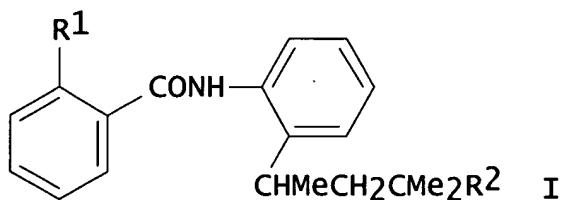
IT controlling of undesired microorganisms.
 IT 203448-76-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of pyrazolylcarboxanilides as microbicide agents)
 RN 203448-76-4 CAPLUS
 CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



L41 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:36643 CAPLUS
 DOCUMENT NUMBER: 140:76907
 TITLE: Preparation of phenylbenzamides as
 agricultural fungicides
 INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel,
 Ralf;
 Reinecke, Paul; Wachendorff-Neumann, Ulrike;
 Mauler-Machnik, Astrid; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer CropScience AG, Germany
 SOURCE: Ger. Offen., 20 pp.
 DOCUMENT TYPE: CODEN: GWXXBX
 LANGUAGE: Patent
 German
 FAMILY ACC. NUM. COUNT: 1
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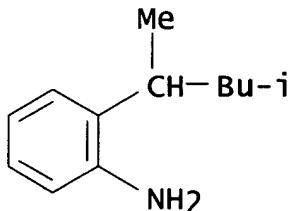
DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
20020702	DE 10229595	A1	20040115	DE 2002-10229595
20030620	CA 2491368	AA	20040115	CA 2003-2491368
20030620	WO 2004005242	A1	20040115	WO 2003-EP6512
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 SK BR 2003012407 A 20050426 BR 2003-12407
 20030620 CN 1678567 A 20051005 CN 2003-820812
 20030620 JP 2006503809 T2 20060202 JP 2004-518548
 20030620 US 2006211771 A1 20060921 US 2005-518446
 20050920
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 20020702 WO 2003-EP6512 W
 20030620
 OTHER SOURCE(S): MARPAT 140:76907
 GI



AB Title compds. [I; R¹ = CF₃, Cl, Br, I; R² = H, Me], were prepared Thus, a suspension of K₂CO₃ and MeCN was dropwise treated with 2-(1,3-dimethylbutyl)phenylamine (preparation given) and 2-(trifluoromethyl)benzoyl chloride followed by stirring for 10 h to give 46% N-[2-(1,3-dimethylbutyl)phenyl]-2-(trifluoromethyl)benzamide. The

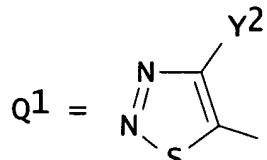
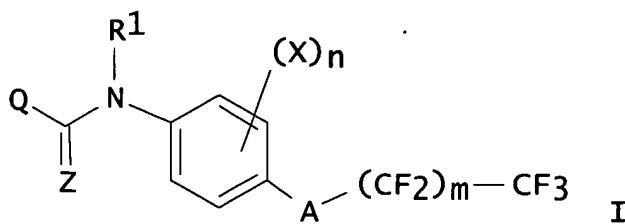
latter at 100 g/ha gave 100% control of *Sphaerotheca fuliginea*.
 IT 203448-76-4P, 2-(1,3-Dimethylbutyl)phenylamine
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP
 (Preparation); RACT
 (Reactant or reagent)
 (preparation of phenylbenzamides as agricultural fungicides)
 RN 203448-76-4 CAPLUS
 CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



L41 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:927408 CAPLUS
 DOCUMENT NUMBER: 138:14057
 TITLE: Preparation of substituted anilide
 derivatives as agricultural and horticultural chemicals
 INVENTOR(S): Furuya, Takashi; Yamaguchi, Minoru; Tohnishi,
 Masanori; Seo, Akira; Morimoto, Masayuki;
 Takemoto,
 PATENT ASSIGNEE(S): Tsuyoshi; Fujioka, Shinsuke
 Nihon Nohyaku Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 78 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
-----	-----	-----	-----	-----
20020530	WO 2002096882	A1	20021205	WO 2002-JP5285
CH, CN, GE, GH, LS, LT, PL, PT, UA, UG,	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,			

RW: US, UZ, VN, YU, ZA, ZM, ZW
 BE, CH, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT,
 SE, TR, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
 TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
 CA 2447640 AA 20021205 CA 2002-2447640
 20020530 JP 2003048878 A2 20030221 JP 2002-157757
 20020530 EP 1400516 A1 20040324 EP 2002-730796
 20020530
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
 MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 BR 2002009726 A 20040420 BR 2002-9726
 20020530 CN 1512986 A 20040714 CN 2002-810844
 20020530 RU 2266285 C2 20051220 RU 2003-134631
 20020530 ZA 2003008813 A 20041123 ZA 2003-8813
 20031112 US 2004116744 A1 20040617 US 2003-478834
 20031126
 PRIORITY APPLN. INFO.: JP 2001-164787 A
 20010531 WO 2002-JP5285 W
 20020530
 OTHER SOURCE(S): MARPAT 138:14057
 GI



AB The title compds. I [R1 is hydrogen, C1-6 alkyl, C1-6 haloalkyl, or the like; A is (CR₂R₃)_p; R2 is hydrogen, halogeno, or C1-6 haloalkyl; R3 is hydrogen, halogeno, C1-6 alkyl, or the like; p is 0 or 1; m is an integer of 0 to 6; when p is 0, X is C2-8 alkyl, C1-8 alkoxy, or the like, while

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when p is 1, X is halogeno, cyano, or the like; n is an integer of 1 to 4;

Z is O or S; and Q is Q1, etc.; Y2 is halo, etc.] are prepared Aniline

intermediates for I are disclosed. I are useful as insecticides, acaricides, and fungicides. Compds. of this invention at 500 ppm gave

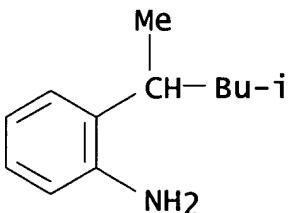
≥ 90% control of *Tetranychus urticae*.

IT 203448-76-4

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of substituted anilide derivs. as insecticides, acaricides, and fungicides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:
FOR THIS

2 THERE ARE 2 CITED REFERENCES AVAILABLE
RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:368451 CAPLUS

DOCUMENT NUMBER: 136:369602

TITLE: Preparation of pyrrolecarboxamides and
pyrrolecarbothioamides as agrochemical

fungicides

INVENTOR(S): Walter, Harald

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

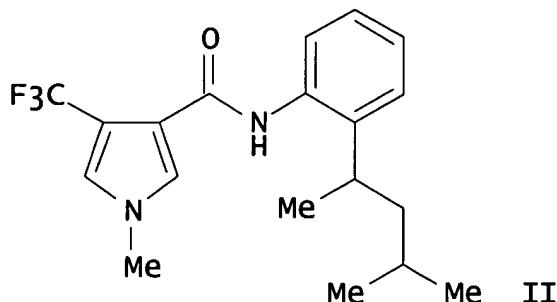
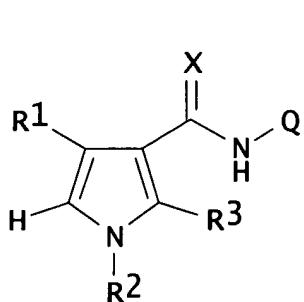
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
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-----	WO 2002038542	A1	20020516	WO 2001-EP12830
20011106				

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,
CH, CN,

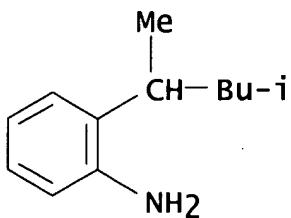
GE, GH, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
 LK, LR, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 PH, PL, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ,
 UA, UG, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ,
 RW: US, UZ, VN, YU, ZA, ZW
 CH, CY, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
 TR, BF, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
 TG BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
 CA 2426033 AA 20020516 CA 2001-2426033
 20011106 AU 2002023668 A5 20020521 AU 2002-23668
 20011106 EP 1341757 A1 20030910 EP 2001-993599
 20011106 EP 1341757 B1 20060920
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
 MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 BR 2001015200 A 20040217 BR 2001-15200
 20011106 EG 23122 A 20040428 EG 2001-1173
 20011106 JP 2004513163 T2 20040430 JP 2002-541078
 20011106 ZA 2003003012 A 20040520 ZA 2003-3012
 20030416 US 2005119130 A1 20050602 US 2003-416219
 20030905 US 7105565 B2 20060912
 US 2006189676 A1 20060824 US 2006-380735
 20060428
 PRIORITY APPLN. INFO.: GB 2000-27284 A
 20001108 GB 2000-30268 A
 20001212 WO 2001-EP12830 W
 20011106 US 2003-416219 A3
 20030905
 OTHER SOURCE(S): MARPAT 136:369602
 GI



AB The title compds. [I; X = O, S; R1 = CF3, CF2H, CFH2; R2 = alkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl; R3 = H, Me, CF3, F; Q = substituted Ph, 2-thienyl, 3-thienyl] which have plant-protecting properties and are suitable for protecting plants against infestation by phytopathogenic microorganisms, were prepared. Thus, treating 1-methyl-4-trifluoromethylpyrrole-3-carboxylic acid with oxalyl chloride in the presence of a catalytic amount of DMF in CH2Cl2 followed by addition of the resulting acid chloride to a solution of 2-(1,3-dimethylbutyl)phenylamine and Et3N in CH2Cl2 afforded II. Compds. I showed good activity (< 20% infestation) against *Puccinia recondita* (brown rust) on wheat.

IT 203448-76-4, 2-(1,3-Dimethylbutyl)phenylamine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of pyrrolecarboxamides and pyrrolecarbothioamides as agrochem. fungicides)

RN 203448-76-4 CAPLUS
 CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:
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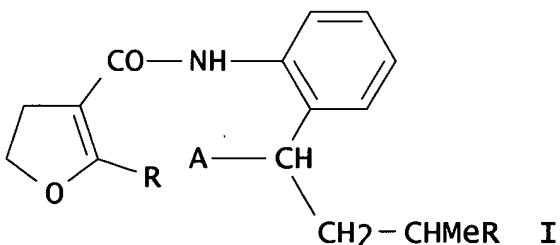
THERE ARE 5 CITED REFERENCES AVAILABLE
 RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:774191 CAPLUS
 DOCUMENT NUMBER: 132:1238

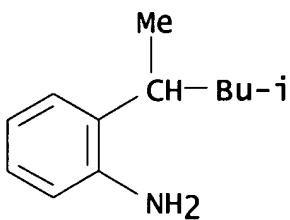
TITLE: Dihydrofurancarboxanilides and agrochemical
 microbicides containing them
 INVENTOR(S): Yoshikawa, Yukihiro; Tomitani, Kanji;
 Takahashi,
 PATENT ASSIGNEE(S): Hiroshi; Yanase, Yuji
 Mitsui Chemicals Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
19980522	JP 11335364	A2	19991207	JP 1998-141709
19980522	PRIORITY APPLN. INFO.:			JP 1998-141709
GI	OTHER SOURCE(S):		MARPAT 132:1238	



AB Agrochem. microbicides contain title compds. I (A = H, Me; B = Me, Et; R = Me, Et, CF₃). 2-(1,3-Dimethylbutyl)aniline was amidated by Me 2,3-dihydrofuran-4-methyl-5-carboxylate (sic) to give 28% I (A = B = R = Me), which (at 100-130 ppm) showed 100% control of Pyricularia oryzae, Botrytis cinerea, and Sphaerotheca fuliginea. Formulation examples are given.

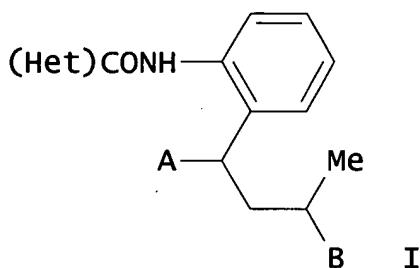
IT 203448-76-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of dihydrofurancarboxanilides as agrochem.
 microbicides)
 RN 203448-76-4 CAPLUS
 CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



L41 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:161040 CAPLUS
 DOCUMENT NUMBER: 128:192648
 TITLE: Preparation of substituted carboxanilide
 derivatives
 INVENTOR(S): Yoshikawa, Yukihiro; Tomiya, Kanji; Tomura,
 Naofumi;
 Shunichi;
 Katsuta, Hiroyuki; Takahashi, Osamu; Inami,
 PATENT ASSIGNEE(S): Yanase, Yuji; Kishi, Junro; Kawashima, Hideo
 Mitsui Toatsu Chemicals, Inc., Japan
 SOURCE: Eur. Pat. Appl., 31 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
19970814	EP 824099	A1	19980218	EP 1997-114124
19970313	JP 10251240	A2	19980922	JP 1997-338820
19970807	JP 10310577	A2	19981124	JP 1997-213461
19970807	US 5914344	A	19990622	US 1997-908187
19970814	CA 2213111	AA	19980215	CA 1997-2213111
19970814	CA 2213111	C	20010320	
19970814	ES 2164972	T3	20020301	ES 1997-114124
19970815	CN 1178791	A	19980415	CN 1997-118681
19980909	CN 1067063	B	20010613	
	US 5965774	A	19991012	US 1998-150170

CN 1338452	A	20020306	CN 2000-126258
20000826			
PRIORITY APPLN. INFO.:			JP 1996-215724 A
19960815			JP 1997-59106 A
19970313			US 1997-908187 A3
19970807			
OTHER SOURCE(S):	MARPAT 128:192648		
GI			



AB Carboxanilide derivs. I (A = H, Me; B = Me, Et; Het = 1-methyl-3-substituted-4-pyrazolyl, 2-methyl-4-substituted-5-triazolyl) were prepared

I exhibit a disease control effect against Botrytis cinerea, powdery mildew, Pyricularia oryzae of rice, and other plant diseases.

E.g., reaction of 3-trifluoromethyl-1-methyl-4-pyrazolecarbonyl chloride and

2-(1,3-dimethylbutyl)aniline gave 73% N-[2-(1,3-dimethylbutyl)phenyl]-3-trifluoromethyl-1-methyl-4-pyrazolecarboxamide.

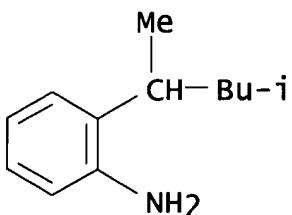
IT 203448-76-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and agrochem. fungicidal activity of carboxanilides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)



10/518,446

REFERENCE COUNT:
FOR THIS
RE FORMAT

2 THERE ARE 2 CITED REFERENCES AVAILABLE
RECORD. ALL CITATIONS AVAILABLE IN THE